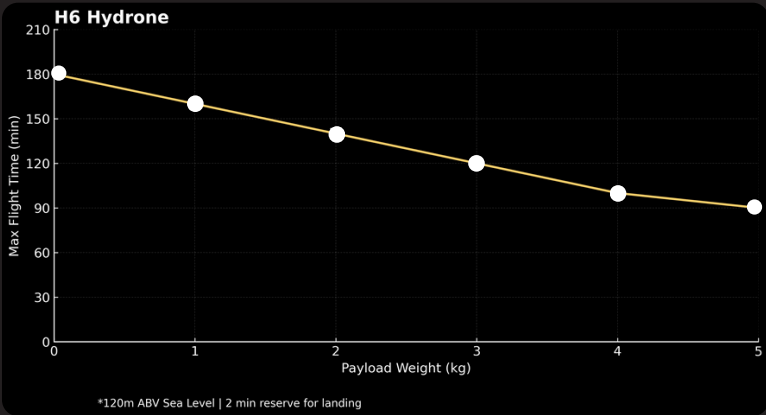


A HARRIS AERIAL

H6 Hydronne

5 kg Max Payload • 3 Hr Flight Time • 2400W Hydrogen Generator
3500 Meter Service Ceiling • Universal Payload Connector



The Carrier H6 Hydronne is our all-new hybrid electric drone powered by a hydrogen fuel cell power module (FCPM).

The Carrier H6 Hydronne is equipped with Intelligent Energy's 2.4kw FCMP (fuel cell power module). The recommended payload is 3kg allowing for up to 2.5hrs of flight. The max payload is 5kg allowing up to 1.5hrs of flight.

The Carrier H6 Hydronne can be configured to carry scientific grade sensors, such as multispectral cameras, professional DSLRs for cinematography, and LiDAR. The H6 Hydronne provides hybrid flight times while maintaining the quiet sound profile of an electric platform.



GCS
OPTIONS



- Handheld
- 8" HD Display
- Touchscreen
- Real-Time Video
- Low Latency
- NDAA Compliant

- 12 Channel Functionality
- Sunlight Viewable Display
- 2-AXIS Payload & Gimbal Controls
- 6-POS/3-POS/2-POS/Guarded
- Button/Rotary
- NDAA Compliant

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INFO@HARRISAERIAL.COM | (407) 725-7886



H6 Hydronne

GENERAL

| | | | |
|------------------------|---|---------------------------|--|
| Maximum Takeoff Weight | 55 lbs 25 kg | Flight Modes | GPS LOITER ALTITUDE HOLD FULLY AUTONOMOUS |
| Empty Weight | 32 lbs 14.5 kg | Radio Frequencies | 2.4 GHz (ISM) 902-928 MHz |
| Max Payload | 11 lbs 5 kg | System Architecture | Open Source |
| Flight Time | 180 min. (No Payload) | | GPS |
| Max Speed | 33.6 mph 15 m/s | Payload Mounting | Dampened Modular Quik-Release |
| Max Vertical Speed | 5.6 mph 2.5 m/s | Weather Rating | (IP43) |
| Max Lean Angle | 30 degrees | Flight Safety Systems | Radio, Battery, and H2 Failsafes Backup Battery Redundancy (5min) Triple Redundant IMU |
| Dimensions (Unfolded) | Prop Tip to Tip: 2373 mm / 93.4" Height: 793 mm / 31.2" | Dimensions Transport Case | 903mmx903mmx808 mm (35.5"x35.5"x31.8") |

BATTERY

| | | | |
|-------------------------|--|--------------------|--|
| Battery Type | 6s2p LiPo (2x Batteries) | Battery Capacity | 4,750 mAh |
| Peak Battery Voltage | 50.4 V | Battery Life Cycle | 250 Flights |
| Nominal Battery Voltage | 44.4 V | Battery Connector | XT90-S (Anti-Spark) |
| Auxiliary Power | 5.3 V, 12/14 V, 24/28 V, 48 Vbat Power Ports | Safety Features | Triple Redundant IMU Redundant Power Supply |

OPERATIONAL & ENVIRONMENTAL

| | | | |
|----------------------------|-------------------------------|----------------------|---------------------------------------|
| Operation Table | -5°C to 40°C 23°F to 104°F | Service Ceiling AMSL | 11,483 ft 3500m (Payload Dependant) |
| Max Operational Wind Speed | 30 mph 13 m/s | Service Ceiling AGL | 400 ft 122 m (FAA Limited) |

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